

**METHOD, ARRANGEMENT AND APPARATUS FOR CAR BODY ASSEMBLY**

**Patent number:** JP2001518858T  
**Publication date:** 2001-10-16  
**Inventor:**  
**Applicant:**  
**Classification:**  
- **International:** B62D65/00; B62D65/00; (IPC1-7): B62D65/00  
- **European:** B62D65/00  
**Application number:** JP19980542426T 19980408  
**Priority number(s):** FI19970001461 19970408; WO1998FI00309 19980408

**Also published as:**

WO9845161 (A1)  
EP1015299 (A1)  
US6493930 (B1)  
US6438842 (B1)  
FI971461 (A)

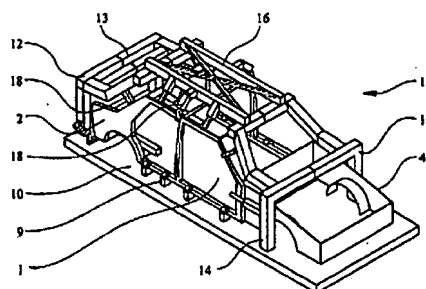
more >>

[Report a data error here](#)

Abstract not available for JP2001518858T

Abstract of correspondent: **WO9845161**

The present invention relates to a method and an arrangement and an apparatus for car body framing from a plurality of separate body components (12-16). The body framing arrangement comprises a bottom plate support means (10) for receiving a bottom plate (1) of the car body to be attached thereto, a robot (21, 26, 27) for bringing at least a part of the separate body components into an engagement with the bottom plate, and means for preassembling said body components to the bottom plate and/or to each other so that the external shape of the car body is achieved. In addition, the arrangement comprises a support means formed by a plurality of separate framing elements for supporting the preassembled car body, and a robot or robots (23, 24, 25, 26) arranged to bring at least a part of said framing elements into engagement with said bottom plate support means and/or another framing element. The framing elements are arranged to form a support means net (11) such that each of the framing elements forming said support means net is clamped either to at least two other framing elements and to said bottom plate support means or to at least three other framing elements by means of locking unit means.



Data supplied from the esp@cenet database - Worldwide